

## A SYSTEM AND METHOD FOR PROVIDING POSITIONAL AUTHENTICATION FOR CLIENT-SERVER SYSTEMS

### ABSTRACT OF THE INVENTION

The present invention is embodied in a system and method for providing positional authentication for client-server systems, such as extranets. In general, an authentication system of the present invention controls and authenticates access rights to a host server from a client machine that desires access to the host server via a network connection, such as an extranet connection. Specifically, the present invention includes a client machine coupled to a host server, via any suitable connection, such as an extranet, and a wireless positioning system, such as a global positioning satellite (GPS). The client machine can be any suitable client computer machine, such as a desktop computer, portable notebook computer or the like. The client machine includes a positioning receiver and a positional relation module. The host server includes an authentication module with predefined access parameters for standard and positional authentication. A portion of the predefined access parameters is used to associate specific locations of the client machine with access rights for positional authentication.